

Amendments to the Specification:

Please replace the Abstract with the attached amended Abstract.

Please replace the paragraph beginning on page 54, line 21, with the following rewritten paragraph:

In this situation, the amount of local rotation (angle of inclination) $\theta_Y(x)$ of the movement mirror is at most a minute angle of about 1 to 2 seconds, and the spacing distance SY is from ~~100~~10 mm to several tens mm. Therefore, the angle of inclination $\theta_Y(x)$ can be approximated by the following expression (2) in accordance with $\tan\theta_Y(x) = Y\theta(x)/SY$.